FRANCIS RUNNER AND HYDRAULIC MACHINE COMPRISING ONE SUCH RUNNER

Abstract

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The invention relates to a Francis runner comprising a crown, a band and blades (2) which extend between the crown and the band. The value of the angle (β_{24}) between the linear speed (U, D_{224}) of a blade (2) and the median (25, Δ_{214})

10   of said blade (2) at the trailing edge (22) has, in the vicinity of the point (224) at which the blade (2) is attached to the band, has a value included between 20 and 25°. In this way, the machine has a satisfactory efficiency while the equivalent power under high load can be high.

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